

ALS Users Meeting 2005 : X-ray Tomography Workshop

Friday 21st October

1:30 Welcome, opening remarks and review of ALS Tomography facilities– Workshop Organizers

1:50 Brief History of SR Tomography: where we are, and where we may be going - John Kinney, LLNL

2:25 New trends in synchrotron-based micro- and nano-imaging: the SLS experience – Marco Stampanoni, SLS

3:20 Break

3:35 Three-dimensional Coherent Diffraction X-ray Imaging at 10 nm Resolution
– Henry Chapman, LLNL

4:10 State of the art for X-ray Tomography with Lab sources. Wenbing Yun, Xradia Inc.

4:45 Discussion

5:00 Reception/Buffer/Barbecue

Saturday 22nd October

9:00 Coffee

9:20 Introduction – Organizers

9:25 Using synchrotron micro-Tomography in geo-sequestration research. – Liviu Tomutsa, ESD, LBNL

10:00 Tomography of genetically modified mouse bone – Guive Balooch, UCSF

10:35 *Break*

10:50 Tomography in Dentistry – E. Herbranson, B&H Imaging and Stanford/NASA National Biocomputation Laboratory, Stanford Medical Center.

11:25 Tomography at SSRL – Piero Pianetta, SSRL

12:00 *Lunch*

1:00 Soft X-ray Tomography at the ALS – Weiwei Gu, UCSF

1:35 High Resolution Tomography With Zone Plates – Weilun Chao, CXRO, LBNL

2:10 Discussion